

# ANNUAL INDEX

## AUTHORS

Aalto H, 976  
 Achouche J, 999  
 Adkisson GH, 788 (letter to editor)  
 Aepli D, 236  
 Aharonson ET, 378  
 Akino T, 835  
 Alipour-Haghighi F, 626  
 Altschuler RA, 914  
 Aly A, 31  
 Amatsu M, 435  
 April MM, 503  
 Aretz HT, 503  
 Asaoka K, suppl 153  
 Austin JR, 361  
 Azizkhan RC, 116

Bakaletz LO, 933  
 Balsara G, 899  
 Banyas JB, 433, 434, 874, 958 (book reviews)  
 Bardach J, 962  
 Bartels LJ, 308; 957 (letter to editor)  
 Bartlett JG, suppl 154:34  
 Batsakis JG, 82, 166, 251, 348, 427, 521, 604, 687, 691, 785, 869, 954, 1035  
 Baum GL, 378  
 Bauwens LJM, 211  
 Beamer ME, suppl 154:23  
 Beamis JF Jr, 413  
 Behlau MS, 274  
 Bender BS, suppl 154:34  
 BenEzra D, 464  
 Berbaum KS, 54  
 Berci G, 317  
 Berke GS, 280  
 Bernstein JM, 589, 612  
 Berrettini S, 459  
 Berry SW, 883  
 Beste DJ, 420  
 Beusen JMH, 959  
 Bhardwaj B, 294  
 Birnholz JC, 743  
 Black S, 398  
 Bleach N, 142  
 Blitzer A, 85  
 Bluestone CD, suppl 154 (ed)  
 Bocca E, 261  
 Boesen PV, 748  
 Boonyanukul S, 984  
 Borderon ML, 661  
 Bouman H, 211  
 Bourgain J-L, 922  
 Boverie J, 852  
 Brahe Pedersen C, 607, 647  
 Brasnu D, 68  
 Bredberg G, 44  
 Bretlau P, 751  
 Brin MF, 85  
 Brodsky L, 589, 612; 1037 (letter to editor)  
 Brook I, suppl 154:11; 1037 (letter to editor)  
 Brookhauser PE, 188  
 Brunberg JA, 1  
 Bruner JM, 954  
 Bruschini P, 459  
 Buchhalter WL, 600  
 Buehner LS, 737

Cagney D, 351

Calcaterra TC, 137  
 Campbell RL, 38  
 Canady JW, 962  
 Carenfelt C, 451  
 Cassiman J-J, 366  
 Castro D, 1032  
 Cazals Y, 496, 893  
 Chan KH, 620  
 Chanin LR, 331  
 Chari PS, 76  
 Chee O, 398  
 Cheesman A, 142  
 Chen L-K, 232  
 Cheney ML, 337  
 Chole RA, 431 (letter to editor)  
 Cingi C, 424  
 Cingi E, 424  
 Cisternino M, 559  
 Clark GM, 131  
 Cohen E, 464  
 Cohen NL, 181, 708, 823  
 Coltrera MD, 797  
 Coticchia JM, 933  
 Cremers CWRJ, 120, 903, 928  
 Cripe TP, 479  
 Cristoferi V, 206  
 Crysdale WS, 320  
 Cutler L, 398

Danckwardt-Lillieström N, 148  
 D'Anton M, 845  
 Dauber JH, 108  
 Dawson DE, 748  
 DeCastro G, 589  
 Dedo HH, 274  
 De La Cruz A, 249  
 Delaere PR, 447  
 DeMaria TF, 774  
 Desruennes E, 922  
 Didier A, 44  
 Doku HC, suppl 154:40  
 Dolan KD, 54, 162, 516, 601, 685, 737, 866  
 Doweck I, 658  
 Downs DH, 797  
 Drake A, 116  
 Duncan S, 856  
 Duncavage JA, 31  
 Duvall AJ III, 572, 859

Eelkema EA, 620  
 Eichel B, 722  
 Eid N, 856  
 Elidan J, 464  
 El-Naggar AK, 251, 687, 869  
 El Shazly MA, 536  
 Enbom H, 472  
 Engelken JD, 601  
 Epstein CM, 63  
 Ericson S, 527  
 Estill J, 19

Faden H, 589, 612  
 Fayad J, 695, 807  
 Felding JU, 607  
 Ferlito A, 206  
 Ferson PF, 108  
 Finegold SM, suppl 154:30  
 Finkelstein Y, 341  
 Fisch U, 966

Fisher SC, 823  
 Flexon PB, 830  
 Flint PW, 797  
 Fliss DM, 682  
 Foote PA Jr, 1037 (letter to editor)  
 Fornasari G, 559  
 Fraietta L, 559  
 Franz BK-HG, 131  
 Frenz DA, 301  
 Fujita A, 469  
 Fujiyoshi T, 407, 638  
 Fulghum RS, suppl 154:23  
 Furman JMR, 620  
 Fusari P, 459

Gacek RR, 650  
 Gafter U, 341  
 Gagey P-M, 971  
 Gagné J-P, 700  
 Galantich PT, 540, 845  
 Galey FR, 807  
 Galinovic-Schwartz V, 301  
 Galioto G, 559  
 Galioto P, 559  
 Gantz BJ, 817, 877  
 Garretsen TJTM, 120  
 Gatot A, 682; 872 (letter to editor)  
 Gemignani G, 459  
 Genka T, 372  
 Giebank GS, 236, 385, 593  
 Gilmore WC, suppl 154:40  
 Gluckman JL, 597  
 Goffart Y, 852  
 Goin DW, 896  
 Goldofsky E, 181  
 Goleas J, 577  
 Gomez PJ, 540  
 Goodman M, 337  
 Gorbach SL, suppl 154:40  
 Green DC, 280  
 Grenman R, 44  
 Guttentplan MD, 899  
 Guyot J-P, 650

Hain TC, 580  
 Hanafée WN, 1032  
 Harada T, 236, 385, 593  
 Har-El G, 661  
 Harrison DFN, 173  
 Hartwick RW, 427  
 Hassan R, 700  
 Hawkins DB, 361  
 Hawkshaw MJ, 725  
 Hayashi M, 469  
 Headley DB, 516  
 Hebbard GK, 219  
 Heiselman FA, 933  
 Hendrix RA, 899  
 Hertzanu Y, 682  
 Himmelfarb MZ, 632  
 Hinrichs JV, 817, 877  
 Hirano T, 597  
 Hirsch M, 79  
 Hodgson RS, 957 (letter to editor)  
 Hoffman HT, 1  
 Hoffman LA, 108  
 Hoffman RA, 181, 708  
 Holliday RA, 181  
 Honjo I, 15, 469  
 Horn J, suppl 154:34

- Horner KC, 496  
 House WF, 148, 695, 807  
 Hsu W, 712  
 Huang C-C, 157  
 Huang T-S, 232  
 Hughes WT, 331  
 Huizing EH, 211  
 Hurbis CG, 34  
 Hussey DH, suppl 152  
 Huygen PLM, 959  
  
**Ichimiya I**, 638  
 Ikeda K, 859  
 Isaacson G, 743  
 Ishizaki H, 976  
 Isshiki N, 15, 95, 728  
 Iwata S, 665  
  
**Jabour BA**, 1032  
 Jackson RT, 63  
 Jacobs JB, 874, 958 (book reviews)  
 Jacobs M, 600  
 Jacobus NV, suppl 154:40  
 Jannetta PJ, 488  
 Jho HD, 488  
 Johnson JT, 108, 793; suppl 154:46  
 Johnson SR, 479  
 Jørgensen MB, 751  
 Jorissen M, 366  
 Joshi K, 76  
 Juhn SK, 236, 385, 593, 859  
 Jungreis CA, 951  
  
**Kamerer DB**, 620  
 Kanchanarak C, 984  
 Kano S, 584  
 Kantor EA, 317  
 Kao SCS, 54, 737  
 Kashima HK, 717  
 Kasper A, 812, 893  
 Kataura A, 835  
 Kavanagh KT, 331; 876 (editorial)  
 Kawauchi H, 407, 638  
 Kelly JJ, 768  
 Kelly KM, 962  
 Kelly MF, 201  
 Kemink JL, 563, 914  
 Kenna MA, 198  
 Kennedy KS, 540  
 Kenney JA Jr, 162  
 Kerstetter JR, 866  
 Kileny PR, 1, 563  
 Kimura RS, 355  
 Kinishi M, 435  
 Kjems G, 647  
 Klein JO, suppl 154 (ed):49  
 Klijian A, 845  
 Knutson JF, 188, 817, 877  
 Kobayashi K, 835  
 Kojima H, 15, 95, 728  
 Kolin ES, 1032  
 Koltai PJ, 616  
 Krairojananan T, 984  
 Kurata K, 469  
 Kurihara A, 989  
 Kuroki Y, 835  
 Kurono Y, 455  
 Kwartler JA, 249  
  
**Laccourreye H**, 68  
 Laccourreye O, 68  
 Lacey SR, 116  
 Lalwani AK, 484  
 Langmore SE, 678  
  
**LaRocque M**, 700  
 Laszewski MJ, 748  
 Laszig R, 131  
 Latourette HB, suppl 152  
 Le CT, 288  
 Lee F-P, 232  
 Lee KS, 355  
 Lehnhardt E, 131  
 Lenelle J, 852  
 Levi H, 464  
 Lim DJ, 774, 933  
 Lindström B, 44  
 Linthicum FH Jr, 148, 219, 695, 807  
 Liu DS, 999  
 Lo WWM, 249  
 Lobeck H, 372  
 Lockhart R, 569  
 Loes DJ, 54  
 Loesche WJ, suppl 154:43  
 Luboinski B, 922  
 Lufkin RB, 1032  
 Luna MA, 82, 687, 785, 869  
 Luntz M, 226  
 Lyon MJ, 650  
  
**Magnusson M**, 472  
 Makino K, 435  
 Mambrino LJ, 19, 198  
 Mamelie G, 922  
 Manning JT, 691  
 Marbaix E, 1007  
 Marres HAM, 928  
 Martuza RL, 830  
 Mathew OP, 944  
 Matsunaga T, 859  
 Matsune S, 439, 909  
 Mattucci K, 195  
 Mazzocco MC, 108  
 McCabe BF, 875 (editorial), 956 (obituary)  
 McCaffrey TV, 90, 668  
 McClintock F, 434, 1038 (book reviews)  
 McGinn MD, 431 (letter to editor); 1015  
 McIlwain M, 31  
 McKerrow WS, 552  
 Merzenich MM, 552  
 Mevio E, 559  
 Mickelson SA, 176  
 Mikhael MA, 577  
 Miller JM, 44  
 Mischke D, 372  
 Mischke RE, 896  
 Mishell J, 518  
 Miwa M, 665  
 Miyamoto RT, 38, 883  
 Mizukoshi K, 841  
 Modan M, 378  
 Mogi G, 407, 455, 638  
 Möller AR, 488  
 Möller MB, 488  
 Montandon P, 812, 893  
 Montgomery WW, 337, 830  
 Moreau P, 852  
 Mori N, 72  
 Mukai C, suppl 153  
 Mukai S, suppl 153  
 Myers EN, 793  
  
**Nadol JB Jr**, 712, 830  
 Nagatsu I, 665  
 Nakagawa H, 841  
 Nakamura A, 774  
 Nakashima M, 389  
 Nakashima T, 394  
  
 Nass RL, 433 (book review)  
 Nedzelski JM, 889  
 Neher A, 327  
 Nelson DR, 685  
 Netterville JL, 10  
 Nichols RD, 176  
 Niparko JK, 914  
 Niwa K, 665  
 Nobel M, 341  
 Nonomura M, 15  
 Nonomura N, 236, 385, 593  
 Nose K, 95  
  
**O'Dwyer T**, 351  
 Ogra PL, 589, 612  
 Ohashi N, 841  
 Ohman J, 527  
 O'Leary MJ, 695  
 Olivieri I, 459  
 Olson N, 678  
 Omori K, 15  
 Ortiz CL, 783  
 Osberger MJ, 883  
 Ossoff RH, 10, 325  
 Ostfeld E, 658  
 Ostyn F, 447  
 Otto SR, 807  
 Oviatt DL, 914  
  
**Paaske PB**, 647  
 Paige ML, 557  
 Panje WR, suppl 152  
 Paparella MM, 288  
 Pappas DG, 433, 434, 874, 958, 1038 (book reviews)  
 Parham DM, 331  
 Parker GS, 569  
 Parnes LS, 700  
 Parnes SM, 731  
 Partlow E, 317  
 Pasero G, 459  
 Pauw BKH, 966  
 Paz-Partlow M, 317  
 Peiper SC, 523  
 Pelizzone M, 812, 893  
 Perlman AL, 626  
 Perry A, 142  
 Persky MS, 433 (book review)  
 Pesavento G, 206  
 Peters GE, 523  
 Phillips JJ, 737  
 Pignatari S, 479  
 Piragine F, 459  
 Pollak AM, 966  
 Portnoy WM, 195  
 Prager DA, 600  
 Priel Z, 378  
 Pyman BC, 131  
 Pyykkö I, 472, 976  
  
**Rainey C**, 10  
 Rajvanshi A, 76  
 Ramaekers FCS, 211  
 Rapoport Y, 632  
 Rask-Andersen H, 148, 219  
 Raymond AK, 1035  
 Rebeiz EE, 413, 503  
 Recher G, 206  
 Redianu C, 632  
 Remacle M, 1007  
 Richtsmeier WJ, 1020  
 Rizzo KA, 201  
 Robbins AM, 883  
 Robinson KS, 572

- Robinson RA, 737, 748  
 Roland PS, 345  
 Roos KL, 38  
 Roos MD, 398  
 Roth Y, 378  
 Rothfield RE, 793  
 Rothstein SG, 433, 434, 1038  
   (book reviews)  
 Ryals TJ, 54  
 Rybak LP, 294
- Sadé J**, 226  
 Saeng-in A, 984  
 Saito H, 244  
 Sakagami M, 859  
 Sakai S, 72  
 Sales JH, 540  
 Sam ILK, 647  
 Sando I, 439, 909  
 Sant'Ambrogio FB, 944  
 Sant'Ambrogio C, 944  
 Sarnat BG, 508  
 Sasaki CT, 584  
 Sataloff RT, 725  
 Sato Y, 54  
 Sawada M, 728  
 Scanlan JM, 188  
 Schachern PA, 288  
 Schartz HA, 817, 877  
 Schatz K, 678  
 Scheetz MD, suppl 154 (assoc ed)  
 Schild JA, 34  
 Schmaltz SP, 563  
 Schreiner CE, 552  
 Schuknecht HF, 830  
 Schulte LE, 188  
 Sciruba FC, 108  
 Scott V, 294  
 Seashore J, 198  
 Segers A, 447  
 Sellari-Franceschini S, 459  
 Sendi KS, 320  
 Sercarz JA, 137  
 Shalit I, 632  
 Shallop KJ, 896  
 Shapshay SM, 413, 503  
 Sharma BS, 76  
 Sharoni Z, 658  
 Shaw HJ, 268  
 Shemen L, 845  
 Sherman M, 731  
 Shigemori H, 455  
 Shikani AH, 1020  
 Shimamura K, 455  
 Shimizu Y, 15  
 Shipp DB, 889  
 Shojaku H, 841  
 Shupak A, 432 (letter to editor), 658; 788  
   (letter to editor)  
 Sidman J, 116  
 Simpson LC, 1038 (book review)  
 Siriratwatanakul N, 984  
 Skinner DW, 544  
 Slavik DH, 668  
 Smith EM, 479
- Sneige N, 604  
 Snyder RL, 552  
 Snyderman NL, 484  
 Sofferman RA, 759  
 Sogg A, 722  
 Sorasuchart A, 432, 872 (letters to editor)  
 Sørensen MS, 751  
 Spiegel JR, 201, 725  
 Squier CA, 962  
 Stanievich J, 589, 612  
 Starck J, 976  
 Steele PE, 597  
 Stenson KM, 518  
 Stone RE, 10  
 Sullivan MJ, 1  
 Sullivan PM, 188  
 Sullivan Baker A, suppl 154:17  
 Summers CW, 759  
 Suonpää J, 44  
 Suzuki T, 394
- Tahara S**, 435  
 Taira T, 95  
 Takahashi H, 439, 469, 909  
 Takasaka T, 989  
 Takeda T, 244  
 Takeuchi S, 244  
 Takiguchi Y, 389  
 Talaat M, 643  
 Talkin D, 19  
 Tally FP, suppl 154:40  
 Talmi YP, 341  
 Tami TA, 569  
 Tanaka T, 638  
 Teichtahl H, 378  
 Thedinger BA, 337  
 Thornsberry C, suppl 154:7  
 Timon C, 351  
 Titze IR, 626  
 Todd SL, 883  
 Toner JC, 552  
 Toohill RJ, 420  
 Toriumi DM, 518  
 Toshima M, 989  
 Toth I, 845  
 Toupet M, 971  
 Tovi F, 79, 682; 872 (letter to editor)  
 Townsend MJ, 899  
 Tran Ba Huy P, 999  
 Trotoux J, 68  
 Tsao SY, 544  
 Tsubone H, 944  
 Tucker JA, 325  
 Turek L, 479  
 Tyler RS, 817, 877
- Ueno K**, 933  
 Umemura K, 389  
 Uozumi N, 72  
 Urade Y, 665
- Van Blitterswijk CA**, 774  
 Van den Berghe H, 366  
 Van der Schueren B, 366  
 Van De Water TR, 301
- Vandyck W, 447  
 Van Dyke L, 896  
 Van Hasselt CA, 544  
 Van Rijn PM, 903  
 Vaughan CW, 789  
 Veldman JE, 211  
 Vergos K, 413  
 Vidas S, 700  
 Vigliotti APC, 162  
 Volovitz B, 589
- Wald ER**, suppl 154:14  
 Walsh M, 351  
 Walter MA, 523  
 Waltzman SB, 823  
 Wang MB, 137  
 Ward PH, 280  
 Watanabe T, 407  
 Waz MJ, 612  
 Webb RL, 131  
 Weber AL, 783  
 Weber PC, 616  
 Weberg AD, 294  
 Weinstein G, 68  
 Weisberger EC, 101  
 Weiss MH, 600, 661  
 Welsh JJ, 768  
 Welsh LW, 768  
 Wen B-C, 162  
 Werkhaven JA, 325  
 Wesmiller SW, 108  
 Whitaker DC, 601  
 Whitworth C, 294  
 Wild AG, 372  
 Wille G, 372  
 Winter P, 1  
 Wolff AP, 577  
 Wood RE, 116  
 Woodworth G, 817, 877  
 Worth RM, 38  
 Wu AH, 999
- Yamanaka N**, 835  
 Yan S-D, 157  
 Yanagisawa E, 19  
 Yanagita N, 394  
 Yasumura S, 841  
 Yoo J, 320  
 Yoon TH, 288  
 Yu VL, suppl 154:46  
 Yuasa R, 989  
 Yuh WTC, 54, 601, 737  
 Yura K, 72
- Zappia JJ**, 914  
 Zealeal DL, 10  
 Zee DS, 580  
 Zeitels SM, 789  
 Zelterman D, 385, 593  
 Zetterlund B, 527  
 Zikk D, 632  
 Zimmerman-Phillips S, 563  
 Zohar Y, 341  
 Zwillenberg D, 201

## SUBJECTS

## Abscess

- Abscesses of neck in infants and young children. Review of 112 cases, 361  
 Infratemporal fossa abscess, 516  
 Massive orofacial abscesses of dental origin, 768

Role of quinsy tonsillectomy in management of peritonsillar abscess, 569

Septic jugular thrombosis with abscess formation, 682

Toxic shock syndrome associated with pharyngitis and submandibular space abscess, 540

- Abuse**  
Patterns of physical and sexual abuse of communicatively handicapped children, 188
- Adenoidectomy**  
Adenoidectomy in otitis media. A review, 226
- Adenoma**  
Basaloid monomorphic adenomas, 687  
Oral monomorphic adenomas, 348  
Pleomorphic adenoma of nasal cavity, 600
- Age at onset of deafness**  
Effect of age at onset of deafness on children's speech perception abilities with cochlear implant, 883
- AIDS**  
Pharyngeal ulceration in AIDS patients secondary to cytomegalovirus infection, 484
- Aldosterone antagonist**  
Effect of aldosterone antagonist on DC potential in endolymphatic sac, 72
- Aminoglycosides**  
Abolition of optokinetic afternystagmus by aminoglycoside ototoxicity, 580
- Anaerobic bacteria**  
Workshop on role of anaerobic bacteria in infections of upper respiratory tract-head and neck, suppl 154
- Aneurysm**  
Intracavernous carotid artery aneurysm presenting as recurrent epistaxis, 577
- Ankyloglossia**  
Ankyloglossia with deviation of epiglottis and larynx, suppl 153
- Anticontractile agent**  
Blood flow in expanded tissue treated with anticontractile agent, 962
- Antidiuretic hormone**  
Syndrome of inappropriate antidiuretic hormone secretion in cancer of head and neck, 341
- Antimicrobial susceptibility**  
Antimicrobial susceptibility testing of anaerobic bacteria: review, comments, and opinions, suppl 154:7
- Apron tracheostome, 643**
- Arachidonic acid**  
Altered effect of arachidonic acid on inner ear blood flow in rats with streptozotocin-induced diabetes, 389  
Arachidonic acid metabolites in middle ear effusions of children, 589  
Early biochemical events in pneumococcal otitis media: arachidonic acid metabolites in middle ear fluid, 385
- Arteriovenous malformation**  
Bilateral arteriovenous malformation of mandible, 759
- Arytenoids**  
Arytenoid subluxation: diagnosis and treatment, 1  
Vocal fold medialization by surgical augmentation versus arytenoid adduction in in vivo canine model, 280
- Asbestos**  
Head and neck surveillance program for factory personnel exposed to asbestos, 731
- Aspiration**  
Endoscopic and videofluoroscopic evaluations of swallowing and aspiration, 678  
Treatment of intractable aspiration using laryngeal stent or obturator, 101
- Asthma**  
Laryngeal changes during exercise and exercise-induced asthma, 34
- Auditory brain stem response**  
Prediction of behavioral threshold and comfort values for Nucleus 22-channel implant patients from electrical auditory brain stem response test results, 896
- Bacteria**  
Inhibition of bacterial adherence by nasopharyngeal secretions, 455  
Nasopharyngeal flora in first three years of life in normal and otitis-prone children, 612
- Behçet's syndrome**  
Effect of cyclosporine A on hearing loss in Behçet's disease, 464  
Hearing and vestibular disturbances in Behçet's syndrome, 459
- Biotinidase**  
Rats as potential model for hearing loss in biotinidase deficiency, 294
- Bone remodeling**  
Remodeling patterns in bony otic capsule of dog, 751
- Book Reviews**  
Baloh RW, Honrubia V. *Clinical Neurophysiology of the Vestibular System*, 874  
Benjamin BNP. *Diagnostic Laryngology: Adults and Children*, 433  
Colton RH, Casper JK. *Understanding Voice Problems: A Physiological Perspective for Diagnosis and Treatment*, 1038  
Dhillon RS, Fairley JW. *Multiple-choice Questions in Otolaryngology With Explanatory Answers*, 434  
Dzubow DM. *Facial Flaps — Biomechanics and Regional Application*, 1038  
Gulick WL, Gescheider GA, Frisina RD. *Hearing: Physiological Acoustics, Neural Coding, and Psychoacoustics*, 434  
Hellquist HB. *Pathology of the Nose and Paranasal Sinuses*, 1038  
Johnson CM Jr, Toriumi DM. *Open Structure Rhinoplasty*, 874  
Krause HF. *Otolaryngic Allergy and Immunology*, 433  
Lemke BN, Della Rocca RC. *Surgery of the Eyelids and Orbit — An Anatomical Approach*, 1038  
McMurtry RY, McClellan BA, eds. *Management of Blunt Trauma*, 874  
Riediger D, Ehrenfeld M, eds. *Microsurgical Tissue Transplantation*, 433  
Tardy ME Jr, Brown RJ. *Surgical Anatomy of the Nose*, 958  
Terzis JK, Smith KL. *The Peripheral Nerve: Structure, Function and Reconstruction*, 958  
Wolfe JM. *Sensory Systems II: Senses Other Than Vision*, 433  
Wullstein HL, Wullstein SR. *Tympanoplasty. Osteoplastic Epitympanotomy*, 958  
Yorkston KM, Beukelman DR, eds. *Recent Advances in Clinical Dysarthria*, 434
- Botulinum toxin**  
Laryngeal dystonia: series with botulinum toxin therapy, 85
- Brain stem auditory evoked potential**  
Auditory nerve compound action potentials and brain stem auditory evoked potentials in patients with various degrees of hearing loss, 488
- Bronchopulmonary dysplasia**  
Tracheomalacia and bronchopulmonary dysplasia, 856

- Bronchoscope**  
Surgical applications of ultrathin flexible bronchoscopes in infants, 116
- Cancer**  
Head and neck cancer: analysis of incidence, patterns of treatment and survival at University of Iowa, suppl 152  
Preepiglottic space invasion in "early" epiglottic cancer, 789  
Role of partial laryngectomy after irradiation in treatment of laryngeal cancer: view from United Kingdom, 268  
Surgical management of supraglottic cancer and its lymph node metastases in conservative perspective, 261  
Syndrome of inappropriate antidiuretic hormone secretion in cancer of head and neck, 341
- Carcinoma**  
Bone marrow invasion of microcystic adnexal carcinoma, 601  
Carcinoma in situ and microinvasive squamous cell carcinoma of vocal cords, 793  
Cerebellopontine angle metastatic lung carcinoma resembling acoustic neuroma, 685  
Low incidence of point mutation at codon 12 of K-RAS proto-oncogene in squamous cell carcinoma of upper aerodigestive tract, 597  
Nasopharyngeal carcinoma: modes of presentation, 544  
Predicting radioresistance in early glottic squamous cell carcinoma by DNA content, 523  
Squamous cell carcinoma in inverted papilloma of buccal mucosa, 748
- Cerebral autoregulation**  
Cerebral autoregulation in patients with orthostatic hypotension, 841
- Chlamydia trachomatis***  
*Chlamydia trachomatis* in etiology of acute otitis media, 616
- Cholesteatoma**  
Bone destruction mechanisms in chronic otitis media with cholesteatoma: specific production by cholesteatoma tissue in culture of bone-resorbing activity attributable to interleukin-1 alpha, 989  
Cochlear bone erosion: effects on cochlear hair cells. Scanning electron microscopy study, 1015  
Ethmoidal cholesteatoma, 424  
Facial nerve and medially invasive petrous bone cholesteatomas, 308  
Tumor necrosis factor alpha in middle ear cholesteatoma and its effect on keratinocytes in vitro, 157
- Cholesterol cyst**  
Cholesterol cysts of temporal bone: diagnosis and treatment, 181
- Cholesterol granuloma**  
Middle ear cholesterol granuloma, 866
- Cilia**  
Human in vitro nasal and tracheal ciliary beat frequencies: comparison of sampling sites, combined effect of medication, and demographic relationships, 378  
In vitro ciliogenesis in respiratory epithelium of cystic fibrosis patients, 366
- Cleft palate**  
Abnormalities of lateral cartilaginous lamina and lumen of eustachian tube in cases of cleft palate, 909  
Insertion of tensor veli palatini muscle into eustachian tube cartilage in cleft palate cases, 439
- Clinical trial**  
Prospective randomized clinical trial of advanced cochlear implants: preliminary results of Department of Veterans Affairs cooperative study, 823
- Cochlea**  
Cochlear bone erosion: effects on cochlear hair cells. Scanning electron microscopy study, 1015  
Expression of intermediate filament proteins in adult human cochlea, 211  
Radiographically confirmed cochlear otospongiosis among Chinese, 232
- Cochlear blood flow**  
Cochlear blood flow under increased inner ear pressure, 394  
Measurement of human cochlear blood flow, 44
- Cochlear implant**  
Cochlear implants as contraindication to magnetic resonance imaging, 195  
Cochlear implants: histopathologic findings related to performance in 16 human temporal bones, 807  
Complications of cochlear implant surgery in adults and children, 708  
Effect of age at onset of deafness on children's speech perception abilities with cochlear implant, 883  
Effectiveness of intensive speech perception training program for adult cochlear implant recipients, 700  
Effects of preoperative electrical stimulability and historical factors on performance with multichannel cochlear implant, 563  
Electrode insertion trauma in cochlear implantation, 695  
Evaluation of temporal bones of multichannel cochlear implant patient, 914  
Histopathologic correlation of spiral ganglion cell count and new bone formation in cochlea following meningogenic labyrinthitis and deafness, 712  
Indication of relation between speech perception and temporal resolution for cochlear implantees, 893  
Inexpensive cochlear implant device, 984  
Intracochlear potential distribution with intracochlear and extracochlear electrical stimulation in humans, 812  
Prediction of behavioral threshold and comfort values for Nucleus 22-channel implant patients from electrical auditory brain stem response test results, 896  
Prospective randomized clinical trial of advanced cochlear implants: preliminary results of Department of Veterans Affairs cooperative study, 823  
Psychological change following 18 months of cochlear implant use, 877  
Psychological predictors of audiological outcomes of multichannel cochlear implants: preliminary findings, 817  
Round window versus promontory stimulation: assessment for cochlear implant candidacy, 889  
Surgical complications with Cochlear multiple-channel intracochlear implant: experience at Hannover and Melbourne, 131  
Tinnitus suppression by cochlear implants, 552
- Collagen**  
Further morphologic studies on collagen injected into canine vocal folds, 1007
- Communicative handicap**  
Patterns of physical and sexual abuse of communicatively handicapped children, 188
- Complications**  
Complications of cochlear implant surgery in adults and children, 708  
Delayed pharyngoesophageal perforation: complication of anterior spine surgery, 201  
Electrode insertion trauma in cochlear implantation, 695  
Ethmoid surgery complications and their avoidance, 722  
Stapes surgery: complications and airway infection, 607  
Surgical complications with Cochlear multiple-channel intracochlear implant: experience at Hannover and Melbourne, 131



- Compound action potential
  - Auditory nerve compound action potentials and brain stem auditory evoked potentials in patients with various degrees of hearing loss, 488
- Computer applications
  - Guidelines for Submitting Software and Manuscripts on Computer Applications to the *Annals*, 876
  - Moving Into the 21st Century: Computer Applications and Software Review Department in the *Annals*, 875
- Cordotomy
  - Bilateral vocal fold motion impairment: pathophysiology and management by transverse cordotomy, 717
- Culture
  - Effect of viruses and interferon on chick embryo otocyst cultures, 1020
  - Primary culture of chinchilla middle ear epithelium, 774
  - Primary culture of stria marginal cells of guinea pig cochlea: growth, morphologic features, and characterization, 999
- Cyclosporine A
  - Effect of cyclosporine A on hearing loss in Behçet's disease, 464
- Cystic fibrosis
  - In vitro ciliogenesis in respiratory epithelium of cystic fibrosis patients, 366
- Cystic hygroma
  - Magnetic resonance imaging of pediatric head and neck cystic hygromas, 737
- Cytomegalovirus
  - Pharyngeal ulceration in AIDS patients secondary to cytomegalovirus infection, 484
- Development
  - Human fetal upper respiratory tract function as revealed by ultrasonography, 743
  - Normal and abnormal growth at nasoseptovomer region, 508
- Device modification
  - Inexpensive cochlear implant device, 984
- Diabetes
  - Altered effect of arachidonic acid on inner ear blood flow in rats with streptozotocin-induced diabetes, 389
- Diving
  - Pressure chamber tympanometry in diving candidates, 658
- DNA
  - Predicting radioresistance in early glottic squamous cell carcinoma by DNA content, 523
- Editorial, 875, 876
- Electrical pacing
  - Electrical pacing for dynamic treatment of unilateral vocal cord paralysis. Experiment in long-denervated muscle, 15
- Electrical stimulability
  - Effects of preoperative electrical stimulability and historical factors on performance with multichannel cochlear implant, 563
  - Intracochlear potential distribution with intracochlear and extracochlear electrical stimulation in humans, 812
  - Round window versus promontory stimulation: assessment for cochlear implant candidacy, 889
- Endolymph
  - Cellular changes in Reissner's membrane in endolymphatic hydrops, 288
  - Contribution of increased endolymphatic pressure to hearing loss in experimental hydrops, 496
  - Effect of aldosterone antagonist on DC potential in endolymphatic sac, 72
  - Effect of ototoxic drug administration to endolymphatic sac, 355
  - Pressure relationship between perilymph and endolymph associated with endolymphatic infusion, 244
  - Three-dimensional analysis of 61 human endolymphatic ducts and sacs in ears with and without Meniere's disease, 219
  - Transport of 5-hydroxydopamine and horseradish peroxidase through perilymph-endolymph barrier, 859
  - Ultrastructural evidence of merocrine secretion in human endolymphatic sac, 148
- Endoscopic surgery
  - Endoscopic surgery of vidian nerve. Preliminary report, 536
- Endotracheal tube ignition
  - Electrosurgery-induced endotracheal tube ignition during tracheotomy, 31
- Epiglottis
  - Epiglottoplasty for reconstruction of posttraumatic laryngeal stenosis, 447
  - Preepiglottic space invasion in "early" epiglottic cancer, 789
- Epistaxis
  - Intracavernous carotid artery aneurysm presenting as recurrent epistaxis, 577
- Equilibrium
  - Effect of head extension on equilibrium in normal subjects, 63
- Esophagus
  - Esophageal foreign bodies in children. 15-year review of 484 cases, 320
- Eustachian tube
  - Abnormalities of lateral cartilaginous lamina and lumen of eustachian tube in cases of cleft palate, 909
  - Distribution of mast cells in tubotympanum of guinea pigs, 407
  - Glycoconjugates in chinchilla tubotympanum, 933
  - Insertion of tensor veli palatini muscle into eustachian tube cartilage in cleft palate cases, 439
- Flexible bronchoscope
  - Surgical applications of ultrathin flexible bronchoscopes in infants, 116
- Foreign bodies
  - Esophageal foreign bodies in children. 15-year review of 484 cases, 320
- Fungal sinusitis
  - Fungal sinusitis in immunocompromised children with neoplasms, 331
- Genetic disorders
  - Bilateral acoustic neurofibromatosis (neurofibromatosis 2): disorder distinct from Von Recklinghausen's neurofibromatosis (neurofibromatosis 1), 830
  - Causes of childhood deafness at Dutch school for hearing impaired, 903
  - Congenital conductive or mixed deafness, preauricular sinus, external ear anomaly, and commissural lip pits: autosomal dominant inherited syndrome, 928
  - Familial sensorineural hearing loss: correlative study of audiologic, radiographic, and vestibular findings, 620
  - Modifications of nasal cycle in patients with hypothalamic disorders: Kallmann's syndrome, 559
  - Surgical management of tracheal stenosis in infant with multiple congenital anomalies: when is baby inoperable? 198

- Globus pharyngeus
  - Globus pharyngeus: long-term follow-up and prognostic factors, 351
- Glycoconjugates
  - Glycoconjugates in chinchilla tubotympanum, 933
- Gout
  - Laryngeal manifestations of gout, 899
- Granulomatous sialadenitis, 166
- Head
  - Effect of head extension on equilibrium in normal subjects, 63
- Head and neck masses
  - Head and neck cancer: analysis of incidence, patterns of treatment and survival at University of Iowa, suppl 152
  - Magnetic resonance imaging and computed tomography in pediatric head and neck masses, 54
- Hearing loss
  - Causes of childhood deafness at Dutch school for hearing impaired, 903
  - Congenital conductive or mixed deafness, preauricular sinus, external ear anomaly, and commissural lip pits: autosomal dominant inherited syndrome, 928
  - Familial sensorineural hearing loss: correlative study of audiologic, radiographic, and vestibular findings, 620
  - Hearing and vestibular disturbances in Behçet's syndrome, 459
  - Rats as potential model for hearing loss in biotinidase deficiency, 294
- Hemangioma
  - Hemangioma of temporalis muscle, 76
- Human papillomavirus
  - Perinatal vertical transmission of human papillomavirus and subsequent development of respiratory tract papillomatosis, 479
- Hydrops
  - Contribution of increased endolymphatic pressure to hearing loss in experimental hydrops, 496
- Hypopharynx
  - Traction diverticulum of hypopharynx following anterior cervical spine surgery. Case report and review, 852
- Imaging Case Study of the Month
  - Bone marrow invasion of microcystic adnexal carcinoma, 601
  - Cerebellopontine angle metastatic lung carcinoma resembling acoustic neuroma, 685
  - Computed tomographic diagnosis of septic lateral sinus thrombosis, 79
  - Cystic hygroma of parotid gland, 518
  - Ethmoidal cholesteatoma, 424
  - Infratemporal fossa abscess, 516
  - Laryngeal lipoma, 783
  - Malignant paraganglioma with retrograde flow in internal carotid artery, 345
  - Middle ear cholesterol granuloma, 866
  - Perineural extension of squamous cell carcinoma, 1032
  - Pleomorphic adenoma of nasal cavity, 600
  - Pulsatile tinnitus from dural arteriovenous fistula, 951
  - Septic jugular thrombosis with abscess formation, 682
  - Sphenoid sinus metastasis displacing cavernous sinus, 162
  - Superficial siderosis of central nervous system, 249
- Immunocompetence
  - Distribution of immunocompetent cells in normal nasal mucosa: comparisons among germ-free, specific pathogen-free, and conventional mice, 638
- Infection
  - Workshop on role of anaerobic bacteria in infections of upper respiratory tract-head and neck, suppl 154
- Inner ear pressure
  - Cochlear blood flow under increased inner ear pressure, 394
- Instruments
  - Special instruments for laryngeal framework surgery, 728
- Interferon
  - Effect of viruses and interferon on chick embryo otocyst cultures, 1020
- Intermediate filament proteins
  - Expression of intermediate filament proteins in adult human cochlea, 211
- Irradiation
  - Partial laryngectomy after irradiation failure, 176
- Keratins
  - Keratins as molecular markers of epithelial differentiation: differential expression in crypt epithelium of human palatine tonsils, 372
- Larynx
  - Afferent activity in external branch of superior laryngeal and recurrent laryngeal nerves, 944
  - Airway obstruction and high-frequency jet ventilation during laryngoscopy, 922
  - Carcinoma in situ and microinvasive squamous cell carcinoma of vocal cords, 793
  - Endoscopic holmium laser laryngotracheoplasty in animal models, 503
  - Histologic evaluation of larynx in sudden infant death syndrome, 173
  - Italian experience of voice restoration after laryngectomy with tracheoesophageal puncture, 206
  - Laryngeal changes during exercise and exercise-induced asthma, 34
  - Laryngeal dystonia: series with botulinum toxin therapy, 85
  - Laryngeal manifestations of gout, 899
  - Laryngeal synkinesis following reinnervation in rat. Neuroanatomic and physiologic study using retrograde fluorescent tracers and electromyography, 797
  - Partial laryngectomy after irradiation failure, 176
  - Regulation of phonatory efficiency by vocal fold tension and glottic width in excised canine larynx, 668
  - Role of partial laryngectomy after irradiation in treatment of laryngeal cancer: view from United Kingdom, 268
  - Special instruments for laryngeal framework surgery, 728
  - Surgical treatment of laryngeal web with mucosa graft, 95
  - Treatment of intractable aspiration using laryngeal stent or obturator, 101
  - Vertical partial laryngectomy: critical analysis of local recurrence, 68
- Laser
  - Endoscopic holmium laser laryngotracheoplasty in animal models, 503
  - Endoscopic laser therapy for obstructing tracheobronchial lesions, 413
  - Laser uvulopalatoplasty in treatment of habitual snoring, 451
- Leiomyosarcoma
  - Leiomyosarcoma of trachea. Case report, 337
- Letters to the Editor, 431, 788, 872, 957, 1037

- Lipoma**
  - Laryngeal lipoma, 783
- Lymphedema**
  - Choanal atresia and lymphedema, 661
- Lysozyme**
  - Middle ear fluid lysozyme source in experimental pneumococcal otitis media, 593
- Magnetic resonance imaging**
  - Cochlear implants as contraindication to magnetic resonance imaging, 195
  - Magnetic resonance imaging and computed tomography in pediatric head and neck masses, 54
  - Magnetic resonance imaging of pediatric head and neck cystic hygromas, 737
  - See also Imaging Case Study of the Month
- Management**
  - Contemporary management of neurofibromatosis, 38
  - Management of subglottic stenosis in adult, 90
- Mandible**
  - Bilateral arteriovenous malformation of mandible, 759
- Mast cells**
  - Distribution of mast cells in tubotympanum of guinea pigs, 407
- Measurement**
  - Measurement of human cochlear blood flow, 44
- Meniere's disease**
  - Three-dimensional analysis of 61 human endolymphatic ducts and sacs in ears with and without Meniere's disease, 219
- Merocrine secretion**
  - Ultrastructural evidence of merocrine secretion in human endolymphatic sac, 148
- Metastases**
  - Surgical management of supraglottic cancer and its lymph node metastases in conservative perspective, 261
- Microaryngoscope**
  - Ancillary instruments for video microaryngoscope, 317
- Microsubglottiscope**
  - Neonatal and pediatric microsubglottiscope set, 325
- Microtrapdoor flap**
  - Microtrapdoor flap repair of laryngeal and tracheal stenosis, 420
- Middle ear**
  - Arachidonic acid metabolites in middle ear effusions of children, 589
  - Middle ear pressures of children with otitis media with effusion, 469
  - Pressure chamber tympanometry in diving candidates, 658
  - Primary culture of chinchilla middle ear epithelium, 774
- Morphology**
  - Effects on cochlear morphology of repeated insults to stria vascularis, 572
- Mucosa**
  - Distribution of immunocompetent cells in normal nasal mucosa: comparisons among germ-free, specific pathogen-free, and conventional mice, 638
  - Immunohistochemical localization of spleen-type prostaglandin D synthetase in rat nasal mucosa, 665
  - Surgical treatment of laryngeal web with mucosa graft, 95
- Muscle**
  - Pacing parameters of canine posterior cricoarytenoid muscle, 584
  - Tetanic response of cricothyroid muscle, 626
- Mutation**
  - Low incidence of point mutation at codon 12 of K-RAS proto-oncogene in squamous cell carcinoma of upper aerodigestive tract, 597
- Neck**
  - Abscesses of neck in infants and young children. Review of 112 cases, 361
- Nerve**
  - Afferent activity in external branch of superior laryngeal and recurrent laryngeal nerves, 944
  - Endoscopic surgery of vidian nerve. Preliminary report, 536
  - Facial nerve and medially invasive petrous bone cholesteatomas, 308
  - Laryngeal synkinesis following reinnervation in rat. Neuroanatomic and physiologic study using retrograde fluorescent tracers and electromyography, 797
  - Orthostatic postural control in vestibular neuritis: stabilometric analysis, 971
  - Perineural extension of squamous cell carcinoma, 1032
  - Primary tumors of facial (extracranial) nerve, 604
  - Recurrent laryngeal nerve avulsion for treatment of spastic dysphonia, 10
  - Recurrent laryngeal nerve section for spastic dysphonia: 5- to 14-year preliminary results in first 300 patients, 274
  - Ultrastructural and cytochemical evidence for single impulse initiation zones in vestibular macular nerve fibers of rat, 398
  - Ultrastructure of cat superior vestibular commissural neurons, 650
- Neurofibromatosis**
  - Bilateral acoustic neurofibromatosis (neurofibromatosis 2): disorder distinct from Von Recklinghausen's neurofibromatosis (neurofibromatosis 1), 830
  - Contemporary management of neurofibromatosis, 38
- Nose**
  - Choanal atresia and lymphedema, 661
  - Human in vitro nasal and tracheal ciliary beat frequencies: comparison of sampling sites, combined effect of medication, and demographic relationships, 378
  - Inhibition of bacterial adherence by nasopharyngeal secretions, 455
  - Modifications of nasal cycle in patients with hypothalamic disorders: Kallmann's syndrome, 559
  - Nasopharyngeal carcinoma: modes of presentation, 544
  - Normal and abnormal growth at nasoseptovomer region, 508
- Nystagmus**
  - Abolition of optokinetic afternystagmus by aminoglycoside ototoxicity, 580
- Obituary**
  - Maxwell Abramson, 956
- Obstruction**
  - Airway obstruction and high-frequency jet ventilation during laryngoscopy, 922
  - Endoscopic laser therapy for obstructing tracheobronchial lesions, 413
- Odontogenic infections**
  - Microbiology and antibiotic resistance in odontogenic infections, suppl 154:40



- Ofloxacin**  
Oral ofloxacin therapy for invasive external otitis, 632
- Orthostatic hypotension**  
Cerebral autoregulation in patients with orthostatic hypotension, 841
- Osteogenesis imperfecta**  
Stapes surgery in osteogenesis imperfecta: analysis of postoperative hearing loss, 120
- Otic capsule**  
Remodeling patterns in bony otic capsule of dog, 751  
Transforming growth factor beta: does it direct otic capsule formation? 301
- Otitis externa**  
Oral ofloxacin therapy for invasive external otitis, 632
- Otitis media**  
Adenoidectomy in otitis media. A review, 226  
Anaerobes in otitis media and sinusitis, suppl 154:14  
Bone destruction mechanisms in chronic otitis media with cholesteatoma: specific production by cholesteatoma tissue in culture of bone-resorbing activity attributable to interleukin-1 alpha, 989  
*Chlamydia trachomatis* in etiology of acute otitis media, 616  
Early biochemical events in pneumococcal otitis media: arachidonic acid metabolites in middle ear fluid, 385  
Experimental otitis media with anaerobic bacteria, suppl 154:23  
Implication of surfactant apoprotein in otitis media with effusion, 835  
Middle ear fluid lysozyme source in experimental pneumococcal otitis media, 593  
Middle ear pressures of children with otitis media with effusion, 469  
Nasopharyngeal flora in first three years of life in normal and otitis-prone children, 612  
Pathophysiology of *Streptococcus pneumoniae* otitis media: kinetics of middle ear biochemical and cytologic host responses, 236
- Otospongiosis**  
Radiographically confirmed cochlear otospongiosis among Chinese, 232
- Ototoxic drugs**  
Effect of ototoxic drug administration to endolymphatic sac, 355
- Oxygen**  
Transtacheal delivery of oxygen: efficacy and safety for long-term continuous therapy, 108
- Pacing**  
Pacing parameters of canine posterior cricoarytenoid muscle, 584
- Papilloma**  
Perinatal vertical transmission of human papillomavirus and subsequent development of respiratory tract papillomatosis, 479  
Squamous cell carcinoma in inverted papilloma of buccal mucosa, 748
- Paraganglioma**  
Malignant paraganglioma with retrograde flow in internal carotid artery, 345
- Pathology Consultation**  
Basaloid monomorphic adenomas, 687  
Basaloid salivary carcinoma, 785  
Granulomatous sialadenitis, 166
- Oral monomorphic adenomas, 348  
Primary tumors of facial (extracranial) nerve, 604  
Salivary gland tumors in children, 869  
Salivary neoplasms of jaw bones with particular reference to central mucoepidermoid carcinomas, 954  
Salivary-type neoplasms of sinonasal tract, 691  
Sinus aspergillosis and allergic fungal sinusitis, 427  
Stensen's duct carcinomas, 1035  
Sublingual gland, 521  
Terminal duct adenocarcinomas of salivary tissues, 251  
Undifferentiated carcinomas of salivary glands, 82
- Patient's perspective**  
Tinnitus: hidden epidemic. Patient's perspective, 327
- Perforation**  
Delayed pharyngoesophageal perforation: complication of anterior spine surgery, 201
- Perilymph**  
Pressure relationship between perilymph and endolymph associated with endolymphatic infusion, 244  
Transport of 5-hydroxydopamine and horseradish peroxidase through perilymph-endolymph barrier, 859
- Perimandibular space infections**  
Role of anaerobic bacteria in perimandibular space infections, suppl 154:34
- Periodontal disease**  
Role of anaerobic bacteria in periodontal disease, suppl 154:43
- Phonatory efficiency**  
Regulation of phonatory efficiency by vocal fold tension and glottic width in excised canine larynx, 668
- Pitch**  
Supraglottic contributions to pitch raising. Videoendoscopic study with spectroanalysis, 19
- Platinectomy**  
Hearing gain after stapedotomy, partial platinectomy, or total stapedectomy for otosclerosis, 959
- Posture**  
Orthostatic postural control in vestibular neuritis: stabilometric analysis, 971  
Postural compensation in children with congenital or early acquired bilateral vestibular loss, 472  
Tullio phenomenon and postural stability: experimental study in normal subjects and patients with vertigo, 976
- Premaxilla**  
Rosai-Dorfman disease involving premaxilla, 845
- Prostaglandin**  
Immunohistochemical localization of spleen-type prostaglandin D synthetase in rat nasal mucosa, 665
- Prosthesis**  
Surgical voice restoration with Blom-Singer prosthesis following laryngopharyngoesophagectomy and pharyngogastric anastomosis, 142
- Psychology**  
Psychological change following 18 months of cochlear implant use, 877  
Psychological predictors of audiological outcomes of multi-channel cochlear implants: preliminary findings, 817
- Recurrence**  
Recurrent parotitis and sialectasis in childhood. Clinical, radiologic, immunologic, bacteriologic, and histologic study, 527

- Vertical partial laryngectomy: critical analysis of local recurrence, 68
- Reissner's membrane  
Cellular changes in Reissner's membrane in endolymphatic hydrops, 288
- Rosai-Dorfman disease  
Rosai-Dorfman disease involving premaxilla, 845
- Salivary glands**  
Basaloid salivary carcinoma, 785  
Cystic hygroma of parotid gland, 518  
Recurrent parotitis and sialiectasis in childhood. Clinical, radiologic, immunologic, bacteriologic, and histologic study, 527  
Salivary gland tumors in children, 869  
Salivary neoplasms of jaw bones with particular reference to central mucoepidermoid carcinomas, 954  
Salivary-type neoplasms of sinonasal tract, 691  
Stensen's duct carcinomas, 1035  
Sublingual gland, 521  
Terminal duct adenocarcinomas of salivary tissues, 251  
Undifferentiated carcinomas of salivary glands, 82
- Shunt  
Primary tracheojejunal shunt operation for voice restoration following pharyngolaryngoesophagectomy, 435
- Siderosis  
Superficial siderosis of central nervous system, 249
- Sinus  
Computed tomographic diagnosis of septic lateral sinus thrombosis, 79  
Ethmoid surgery complications and their avoidance, 722  
Fungal sinusitis in immunocompromised children with neoplasms, 331  
Role of anaerobic bacteria in sinusitis and its complications, suppl 154:17  
Sinus aspergillosis and allergic fungal sinusitis, 427  
Skull base malignancy following long-term sinus mucocoele and osteomyelitis, 137  
Sphenoid sinus metastasis displacing cavernous sinus, 162
- Skull base  
Skull base malignancy following long-term sinus mucocoele and osteomyelitis, 137
- Spastic dysphonia  
Recurrent laryngeal nerve avulsion for treatment of spastic dysphonia, 10  
Recurrent laryngeal nerve section for spastic dysphonia: 5- to 14-year preliminary results in first 300 patients, 274
- Speech perception training  
Effectiveness of intensive speech perception training program for adult cochlear implant recipients, 700
- Spiral ganglion cells  
Histopathologic correlation of spiral ganglion cell count and new bone formation in cochlea following meningogenic labyrinthitis and deafness, 712
- Stapes surgery  
Hearing gain after stapedotomy, partial platinectomy, or total stapedectomy for otosclerosis, 959  
Stapes surgery: complications and airway infection, 607  
Stapes surgery in osteogenesis imperfecta: analysis of postoperative hearing loss, 120  
Utricle, saccule, and cochlear duct in relation to stapedotomy. Histologic human temporal bone study, 966
- Stenosis  
Epiglottoplasty for reconstruction of posttraumatic laryngeal stenosis, 447  
Management of subglottic stenosis in adult, 90  
Microtrapdoor flap repair of laryngeal and tracheal stenosis, 420  
Surgical management of tracheal stenosis in infant with multiple congenital anomalies: when is baby inoperable? 198
- Streptococcus pneumoniae*  
Pathophysiology of *Streptococcus pneumoniae* otitis media: kinetics of middle ear biochemical and cytologic host responses, 236
- Stria vascularis  
Effects on cochlear morphology of repeated insults to stria vascularis, 572  
Primary culture of stria marginal cells of guinea pig cochlea: growth, morphologic features, and characterization, 999
- Stroboscopy  
Stroboscopy: results and clinical value, 725
- Subglottiscope  
Neonatal and pediatric microsubglottiscope set, 325
- Subluxation  
Arytenoid subluxation: diagnosis and treatment, 1
- Sudden infant death syndrome  
Histologic evaluation of larynx in sudden infant death syndrome, 173
- Surfactant apoprotein  
Implication of surfactant apoprotein in otitis media with effusion, 835
- Surveillance program  
Head and neck surveillance program for factory personnel exposed to asbestos, 731
- Swallowing  
Endoscopic and videofluoroscopic evaluations of swallowing and aspiration, 678  
Globus pharyngeus: long-term follow-up and prognostic factors, 351
- Temporal bone**  
Cholesterol cysts of temporal bone: diagnosis and treatment, 181  
Cochlear implants: histopathologic findings related to performance in 16 human temporal bones, 807  
Evaluation of temporal bones of multichannel cochlear implant patient, 914  
Utricle, saccule, and cochlear duct in relation to stapedotomy. Histologic human temporal bone study, 966
- Temporal resolution  
Indication of relation between speech perception and temporal resolution for cochlear implantees, 893
- Temporalis muscle  
Hemangioma of temporalis muscle, 76
- Tetanic response  
Tetanic response of cricothyroid muscle, 626
- Tinnitus  
Pulsatile tinnitus from dural arteriovenous fistula, 951  
Tinnitus: hidden epidemic. Patient's perspective, 327  
Tinnitus suppression by cochlear implants, 552  
Zinc in management of tinnitus. Placebo-controlled trial, 647
- Tissue expansion  
Blood flow in expanded tissue treated with anticontractile agent, 962

- Tongue**  
Ankyloglossia with deviation of epiglottis and larynx, suppl 153
- Tonsils**  
Keratins as molecular markers of epithelial differentiation: differential expression in crypt epithelium of human palatine tonsils, 372  
Role of anaerobic bacteria in infections of tonsils and adenoids, suppl 154:30  
Role of quinsy tonsillectomy in management of peritonsillar abscess, 569
- Tooth**  
Massive orofacial abscesses of dental origin, 768
- Toxic shock syndrome**  
Toxic shock syndrome associated with pharyngitis and submandibular space abscess, 540
- Trachea**  
Apron tracheostome, 643  
Electrosurgery-induced endotracheal tube ignition during tracheotomy, 31  
Leiomyosarcoma of trachea. Case report, 337  
Tracheomalacia and bronchopulmonary dysplasia, 856  
Transtracheal delivery of oxygen: efficacy and safety for long-term continuous therapy, 108
- Traction diverticulum**  
Traction diverticulum of hypopharynx following anterior cervical spine surgery. Case report and review, 852
- Transforming growth factor beta**  
Transforming growth factor beta: does it direct otic capsule formation? 301
- Tullio phenomenon**  
Tullio phenomenon and postural stability: experimental study in normal subjects and patients with vertigo, 976
- Tumor necrosis factor alpha**  
Tumor necrosis factor alpha in middle ear cholesteatoma and its effect on keratinocytes in vitro, 157
- Ultrasonography**  
Human fetal upper respiratory tract function as revealed by ultrasonography, 743
- Upper respiratory tract infections**  
Role of anaerobic bacteria in infections of upper respiratory tract and head and neck, suppl 154:49  
Role of anaerobic bacteria in upper respiratory tract infections, suppl 154:11
- Uvulopalatoplasty**  
Laser uvulopalatoplasty in treatment of habitual snoring, 451
- Vestibular commissure**  
Ultrastructure of cat superior vestibular commissural neurons, 650
- Vestibular loss**  
Postural compensation in children with congenital or early acquired bilateral vestibular loss, 472
- Vestibular macula**  
Ultrastructural and cytochemical evidence for single impulse initiation zones in vestibular macular nerve of rat, 398
- Videoendoscopy**  
Ancillary instruments for video microlaryngoscope, 317  
Stroboscovideolaryngoscopy: results and clinical value, 725  
Supraglottic contributions to pitch raising. Videoendoscopic study with spectroanalysis, 19
- Vocal fold paralysis**  
Bilateral vocal fold motion impairment: pathophysiology and management by transverse cordotomy, 717  
Electrical pacing for dynamic treatment of unilateral vocal cord paralysis. Experiment in long-denervated muscle, 15  
Further morphologic studies on collagen injected into canine vocal folds, 1007  
Vocal fold medialization by surgical augmentation versus arytenoid adduction in in vivo canine model, 280
- Voice**  
Italian experience of voice restoration after laryngectomy with tracheoesophageal puncture, 206  
Primary tracheojejunal shunt operation for voice restoration following pharyngolaryngoesophagectomy, 435  
Surgical voice restoration with Blom-Singer prosthesis following laryngopharyngoesophagectomy and pharyngogastric anastomosis, 142
- Wound infections**  
Role of anaerobic bacteria in postoperative wound infections following oncologic surgery of head and neck, suppl 154:46
- Zinc**  
Zinc in management of tinnitus. Placebo-controlled trial, 647